

Converting Colors

XYZ(37.1836, 39.5551, 43.4925)

Have a look what the booklet for
XYZ(37.1836, 39.5551, 43.4925)
contains.

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Color

**XYZ(37.3563, 39.7587,
43.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AAAA
RGB	166, 170, 170
RGB Percent	65%, 67%, 67%
CMY	0.3490, 0.3333, 0.3333
CMYK	0.02, 0.00, 0.00, 0.33
HSL	180°, 2%, 66%
HSV	180°, 2%, 67%
XYZ	37.3563, 39.7587, 43.7355
YIQ	168.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

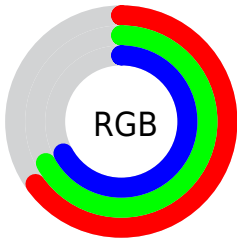
Format	Color
RYB	166, 168, 170
Decimal	10922666
CIELab	69.30, -1.41, -0.50
CIELCh	69, 1.497, 199.604
Yxy	39.7587, 0.3091, 0.3290
Android (android.graphics.Color)	4289112746 (0xFFA6AAAA)
YUV	168.8040, 0.5896, -2.4591
Hunter-Lab	63.0545, -4.5940, 3.0138

Details

The XYZ color **37.3563, 39.7587, 43.7355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0982, 38.5727, 41.5683**, and the grayscale version is **37.6142, 39.5730, 43.0950**.

A 20% lighter version of the original color is **70.3346, 74.6588, 81.9377**, and **16.6879, 17.8423, 19.7039** is the 20% darker color. If you saturate the color by 10%, you get **34.0247, 38.0425, 43.5745**, and if you desaturate by 10%, it is **41.1612, 41.7212, 43.9203**.

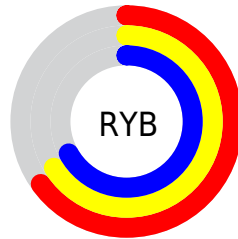
Distribution



Red (65%)

Green (67%)

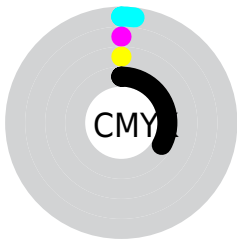
Blue (67%)



Red (65%)

Yellow (66%)

Blue (67%)

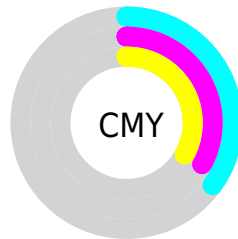


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3563, 39.7587, 43.7355 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.3563, 39.7587, 43.7355 by changing the saturation by 10% instead.

■ 37.3563, 39.7587,
43.7355

■ 37.3563, 39.7587,
43.7355

326.1793,
345.1055, 377.6375

■ 25.6584, 27.3505,
30.1270

■ 70.4307, 74.7959,
82.1178

■ 16.6996, 17.8366,
19.6821

■ 92.5380, 98.1937,
107.7287

■ 10.1145, 10.8327,
11.9824

118.8457,
126.0235, 138.1774

■ 5.5378, 5.9545,
6.6093

149.7193,
158.6696, 173.8825

■ 2.6041, 2.8174,
3.1443

185.5241,
196.5164, 215.2625

■ 0.9480, 1.0372,
1.1688

226.6255,

■ 0.0000, 0.0000,

239.9484, 262.7360

0.0000

273.3888,
289.3500, 316.7215

■ 37.3563, 39.7587,
43.7355

■ 37.3563, 39.7587,
43.7355

■ 34.0247, 38.0425,
43.5745

■ 41.1612, 41.7212,
43.9203

■ 31.1448, 36.5579,
43.4338

■ 45.4535, 43.9338,
44.1271

■ 28.6981, 35.2968,
43.3134

■ 50.2507, 46.4067,
44.3575

■ 26.6637, 34.2481,
43.2122

■ 55.5684, 49.1480,
44.6123

■ 25.0189, 33.4003,
43.1294

■ 61.4218, 52.1654,
44.8922

■ 23.7388, 32.7405,
43.0635

■ 62.8781, 52.9160,
44.9662

■ 22.7956, 32.2544,
43.0135

■ 62.8792, 52.9164,
44.9722

■ 22.1576, 31.9256,
42.9777

■ 62.8804, 52.9169,
44.9782

■ 21.7870, 31.7347,
42.9545

■ 62.8815, 52.9174,
44.9842

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.3373, 39.7587, 43.0524



37.3563, 39.7587, 43.7355



37.4911, 39.7587, 44.3050

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.3563, 39.7587, 43.7355



38.1421, 39.7587, 44.1528



37.8728, 39.7587, 42.0032

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.3563, 39.7587, 43.7355



37.0982, 38.5727, 41.5683

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.0894, 39.7587, 42.2915



37.3563, 39.7587, 43.7355



38.2453, 39.7587, 43.5294

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.3563, 39.7587, 43.7355



37.9445, 39.7587, 44.5477



38.2259, 39.7587, 42.8485



37.6348, 39.7587, 42.0571

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.3563, 39.7587, 43.7355



37.6288, 39.7587, 44.5414



38.2259, 39.7587, 42.8485



37.9505, 39.7587, 42.0632

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.3574, 39.7604, 43.7364



68.6497, 72.5869, 79.3932



36.9987, 39.6185, 41.7741



15.3174, 16.1914, 17.7054



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3574, 39.7604, 43.7364



67.3270, 71.9051, 79.3291



36.9977, 39.0404, 43.6178



8.1629, 8.7462, 9.6758



15.9034, 23.2801, 31.5876



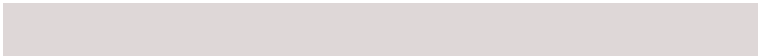
0.3870, 0.5664, 0.7689

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.0982, 38.5727, 41.5683



66.7196, 69.1225, 74.2497



37.4523, 39.2813, 41.6851



8.0732, 8.3354, 8.9260



12.1952, 6.2868, 0.5737



0.2968, 0.1530, 0.0143

Previews

White Background



This preview shows how the XYZ color 37.3563, 39.7587, 43.7355 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.3563, 39.7587, 43.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

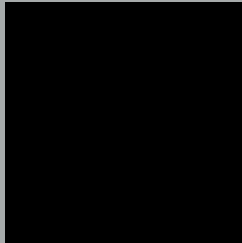
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

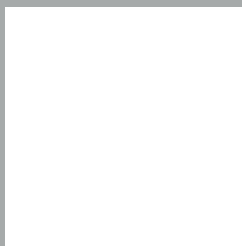
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3563, 39.7587, 43.7355

Background



This preview shows how black text looks on a background with the XYZ color 37.3563, 39.7587, 43.7355.



This preview shows how white text looks on a background with the XYZ color 37.3563, 39.7587,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.3563, 39.7587, 43.7355

Protanopia

38.1773, 39.6405, 43.1753

Deuteranopia

40.3933, 39.6815, 44.0584



Tritanopia

38.5946, 39.7075, 49.8861

Trichromacy



Original Color

37.3563, 39.7587, 43.7355

Protanomaly

37.9270, 39.7866, 43.2167

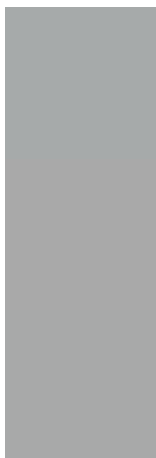
Deuteranomaly

39.1184, 39.5598, 44.1021

Tritanomaly

38.1602, 39.8058, 47.7915

Monochromacy



Original Color

37.3563, 39.7587, 43.7355

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4978, 39.5653, 43.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3563, 39.7587, 43.7355 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.3563, 39.7587, 43.7355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 170, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 170, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3563, 39.7587, 43.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
170, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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